

Map Symbol	Map Unit Name	Nontechnical Descriptions
Aa	ABITA SILT LOAM, 0 TO 2 PERCENT SLOPES	This soil is nearly level and somewhat poorly drained. It is on broad stream or marine terraces. The soil is loamy throughout. Natural fertility is low. Permeability is slow. Surface runoff is slow. A seasonal high water table is present during the wet season. The shrink-swell potential is moderate in the subsoil.
Ab	ABITA SILT LOAM, 2 TO 5 PERCENT SLOPES	This soil is gently sloping and somewhat poorly drained. It's on low ridges and side slopes of drainageways on stream or marine terraces. The soil is loamy throughout. Natural fertility is low. Permeability and surface runoff are slow. A seasonal high water table is present in winter and spring. The shrink-swell potential is moderate in the subsoil.
BB	BARBARY MUCK	This soil is level and very poorly drained. It is a very fluid mineral soil in swamps. This soil is ponded and flooded most of the time. Typically, the soil has a muck surface layer and a gray, very fluid clay underlying material. This soil has low strength. The total subsidence potential is medium. If the soil is drained, it can have a very high shrink-swell potential.
Bg	BRIMSTONE-GUYTON SILT LOAMS	These soils are poorly drained and they are on broad, flat terraces. The Brimstone soil is on slight rises and the Guyton soil is in slightly concave areas. Both soils are loamy throughout. They have low natural fertility. Permeability and surface runoff are slow. The soils have a seasonal high water table in winter and spring. They are subject to rare flooding. The Brimstone soil has high concentrations of sodium in the subsoil.
Ca	CAHABA FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping or gently sloping soil is on low stream terraces. It is loamy throughout, or it has a sandy surface layer and a loamy subsoil. Runoff is medium. Water and air move at a moderate rate through the subsoil. The soil dries quickly after rains. Plants are damaged by a lack of moisture during dry periods in summer and fall.
Ch	CAHABA FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	This soil is moderately sloping and well drained. It is on terraces. The soil is loamy throughout. Natural fertility is low. Permeability is moderate. Runoff is medium. In places, the soil is moderately eroded.
Fu	FLUKER SILT LOAM	This soil is nearly level and somewhat poorly drained. It is on broad flats on terraces. The soil is loamy throughout and has a fragipan in the subsoil. Natural fertility is low. Permeability is slow in the fragipan. Surface runoff is slow. A seasonal high water table is perched on the fragipan at a depth of 0.5 to 1.5 feet.

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Go	GUYTON SILT LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.
Gy	GUYTON SILT LOAM, OCCASIONALLY FLOODED	This level, poorly drained soil is in depressional areas. It is occasionally flooded, ponded, or otherwise saturated for long periods in winter and spring. The soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or very slow. Runoff is very slow to ponded. The shrink-swell potential is low.
KE	KENNER MUCK	This soil is level, very poorly drained, and fluid. It is an organic soil that is in freshwater marshes. The soil is fluid muck throughout, except for a thin layer of fluid clay in the underlying material. This soil has low strength and poor trafficability. The total subsidence potential is very high.
MP	MAUREPAS MUCK	This is a level, very poorly drained, very fluid organic soil in swamps. It is ponded or flooded most of the time. Typically, the soil is very fluid muck throughout. It has a low capacity to support loads. The total subsidence potential is very high. The shrink-swell potential is low. The natural vegetation consists of water tolerant trees, such as baldcypress and water tupelo, and aquatic understory plants, such as alligatorweed and duckweed.
Ma	MALBIS FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	This moderately sloping, moderately well drained soil is on uplands. It is loamy throughout the profile. Permeability is moderately slow. Surface runoff is medium. The soil has a seasonal high water table in winter and spring.
Mt	MYATT FINE SANDY LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.
My	MYATT FINE SANDY LOAM, OCCASIONALLY FLOODED	This soil is level, poorly drained, and subject to occasional flooding, mainly in winter and spring. It is in broad depressional areas and along small drainageways on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is moderately slow or slow. Water runs off the surface at a slow rate. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low.

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OG	OUACHITA, OCHLOCKONEE, AND GUYTON SOILS, FREQUENTLY FLOODED	These soils are level and gently undulating. They are on the flood plains of streams and are subject to frequent flooding. The Ouachita and Ochlockonee soils are well drained and are on low ridges. The Guyton soil is poorly drained and is in low positions. All of these soils have low fertility. The Guyton soil has a seasonal high water table that rises to near the surface.
Pa	PITS-ARENTS COMPLEX, 0 TO 5 PERCENT SLOPES	This complex consists of pits and Arents soils. The pits are open excavations from which sand, gravel, or loamy material was removed. The Arents soils are the piles of soil material left beside the pits after the sand, gravel, or other soil material was removed. They are stratified loamy and sandy material. Slope ranges from 0 to 5 percent.
Pt	PRENTISS FINE SANDY LOAM	This soil is level, moderately well drained, and has a fragipan. It is on ridges on terraces. The soil is loamy throughout. Natural fertility is low. Permeability is moderate in the upper part of the soil and moderately slow in the fragipan. Surface runoff is medium. A seasonal high water table is perched above the fragipan.
RS	RUSTON-SMITHDALE ASSOCIATION, ROLLING	These soils are rolling and well drained. They are on narrow ridgetops on uplands. The mapped areas are about 60 percent Ruston soil and 25 percent Smithdale soil. Both soils are loamy throughout. Surface runoff is medium or rapid. Permeability is moderate in both soils. Natural fertility is low.
Rn	RUSTON FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
Sa	SAVANNAH SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
Sm	SMITHDALE FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	This well drained, strongly sloping or moderately steep soil is on side slopes on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of water and air through the soil is moderate. In places, the soil is moderately eroded.

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St	STOUGH FINE SANDY LOAM	This level, somewhat poorly drained soil is on broad, slightly convex ridges on stream terraces. The soil is subject to rare flooding during unusually wet periods. Typically, the soil is loamy and acid throughout. Natural fertility is low. Permeability is moderately slow. Water runs off the surface at a slow rate. A seasonal high water table is about 1.0 to 1.5 feet below the soil surface from January to April. The shrink-swell potential is low.
Ta	TANGI SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
Tg	TANGI SILT LOAM, 3 TO 8 PERCENT SLOPES	This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.
To	TOULA SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.